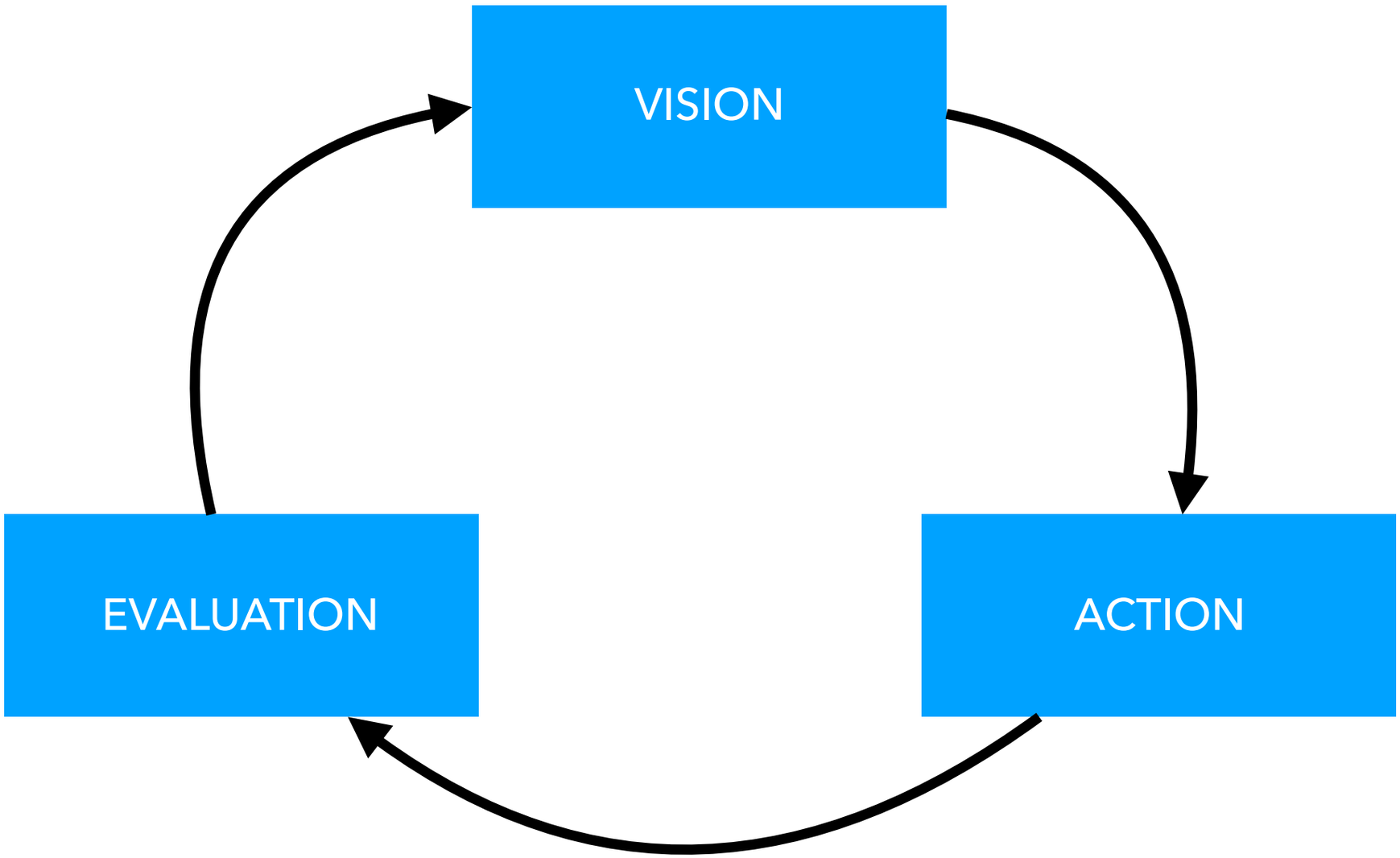
PROCESS

CREATIVE PROCESS



SONIC VISION

- *Artistic Vision* for sound
    - to be <u>continuously developed</u> as a musician

SONIC VISION

- draw from what ever inspires you
- experiment to hone you own sound

SONIC VISION

FINAL RESULT IS **MORE** THAN JUST A SUM OF ITS PARTS

SONIC JUDGEMENT

- Good judgement is developed by
- being able to recognise bad judgement
- improve bad judgement by envisioning a better one
- if/when opportunity to apply judgement presents itself again

SONIC JUDGEMENT

- Once work on *sonic vision* has begun

  - starts with noticing the general feel of musical pieces listened to

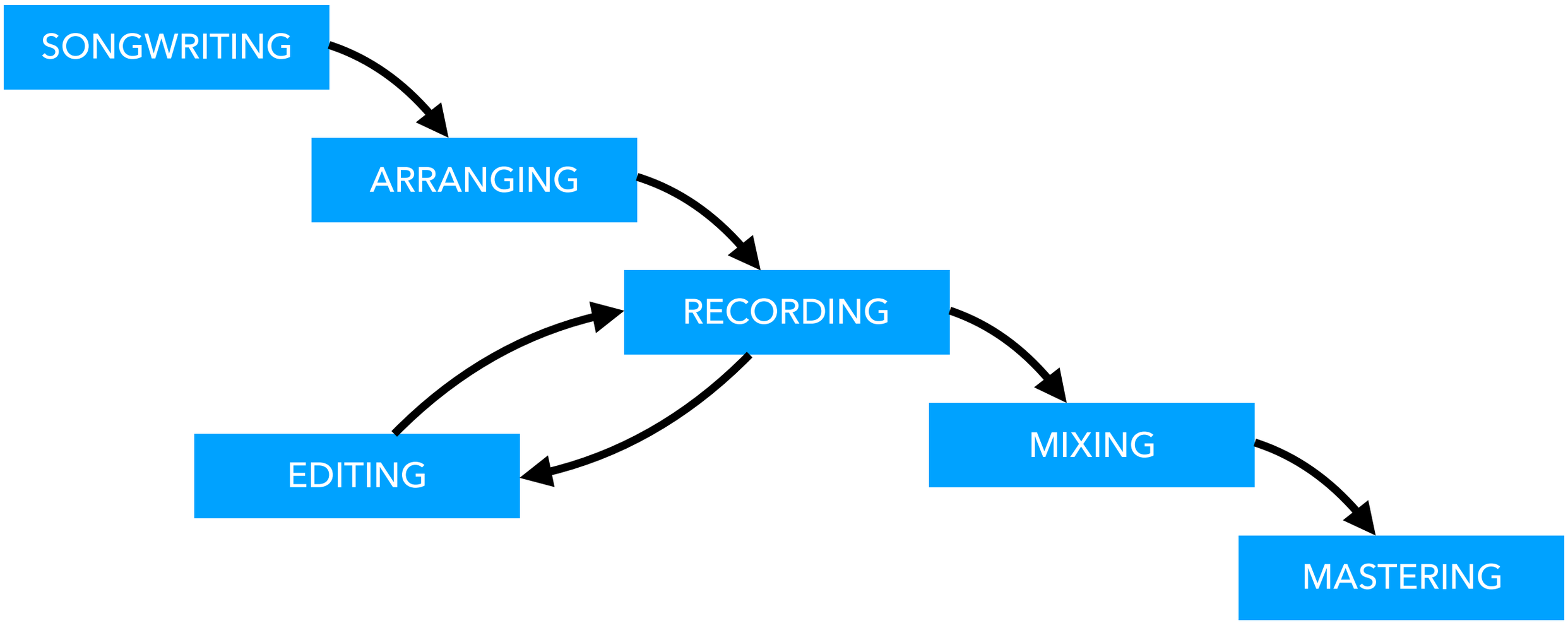
  - as *sonic vision* develops, judgement becomes more subtle, to individual parts and elements

SONIC JUDGEMENT

- *Iteration* and *Improvisation*
    - to improve quality of sonic vision

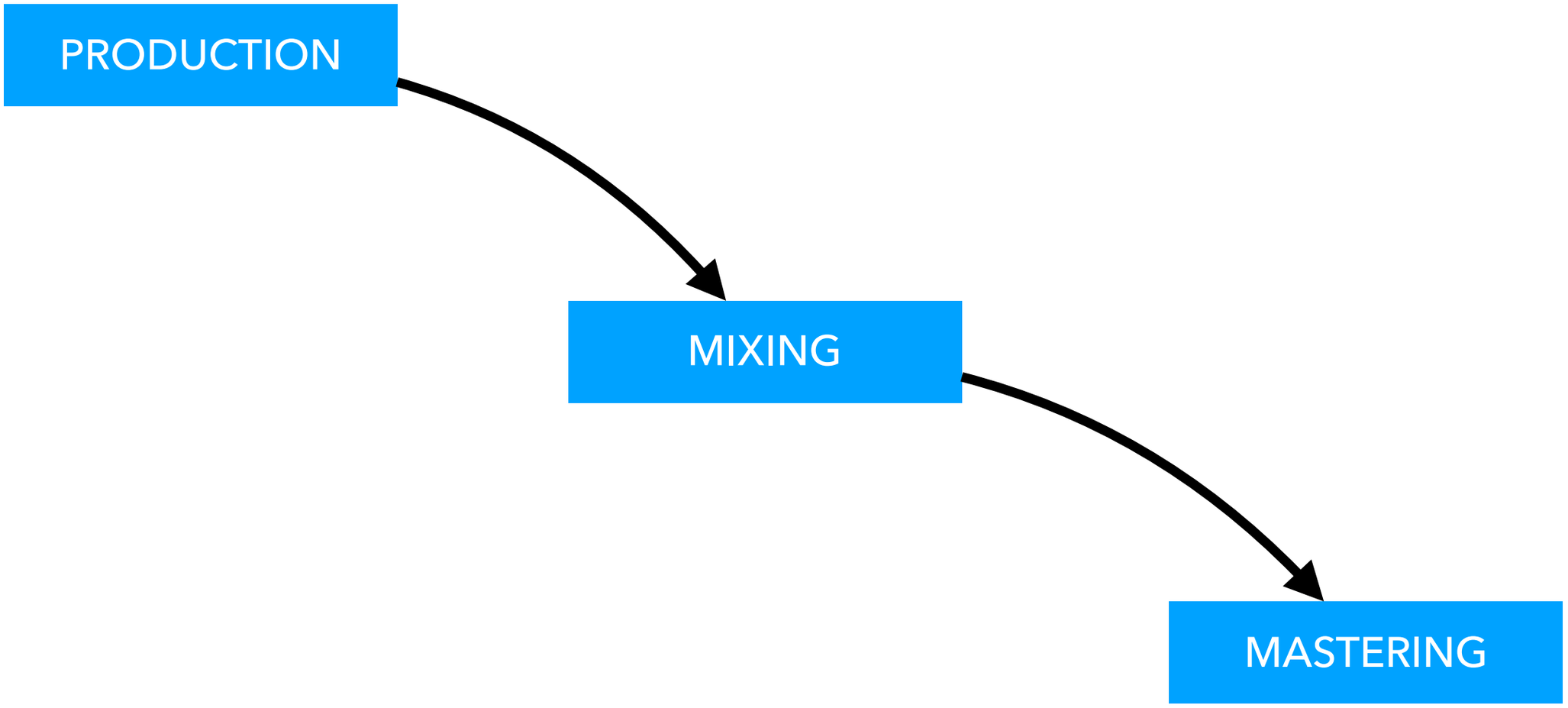
PROCESS

PRODUCTION WITH RECORDED ELEMENTS



PROCESS

PURELY SEQUENCED PRODUCTION



INSTRUMENTS

SOUND SOURCES

MIC/LINE-IN

MIC

ACOUSTIC GUITARS
PIANOS
DRUMS
PERCUSSION
VOCALS

LINE-IN

ELECTRIC GUITARS
ELECTRIC VIOLINS
MODULAR SYNTHS

DIGITAL

USB

MIDI KEYBOARDS
MODERN DIGITAL INSTRUMENTS

IN COMPUTER

VIRTUAL INSTRUMENTS (VST)

INSTRUMENTS

DIGITAL SOUND TYPES

AUDIO

(WAVE, MP3, AIFF ETC)

A "STATIC" PARADIGM

DIGITAL WAVEFORM FILE

HAS AUDIO FREQUENCY AND AMPLITUDE INFORMATION

RECORDED LINE-IN OR MIC OUTPUT

MIDI

(MUSICAL INSTRUMENT DIGITAL INTERFACE)

UTILISES A PIANO ROLL SEQUENCER

NOTE PATTERNS ARE DRAWN IN MANUALLY OR PLAYED INTO

NOTE ON, NOTE OFF, VELOCITY AND AFTERTOUCH INFO STORED IN MESSAGE

ANY VIRTUAL INSTRUMENT CAN DRIVE THE MIDI PATTERN

COMPUTER

YOUR COMPUTER IS A MUSICAL INSTRUMENT

- **RECORD** INTO COMPUTER

- **ASSEMBLE** AND **ARRANGE**

- **PROCESS** AUDIO PER VISION

- **RENDER** ARRANGEMENT TO FILE

A **DIGITAL AUDIO WORKSTATION** (DAW) IS A COMPUTER APPLICATION FOR THIS PROCESS

DAW

MOST (IF NOT ALL) DAWs ENABLE

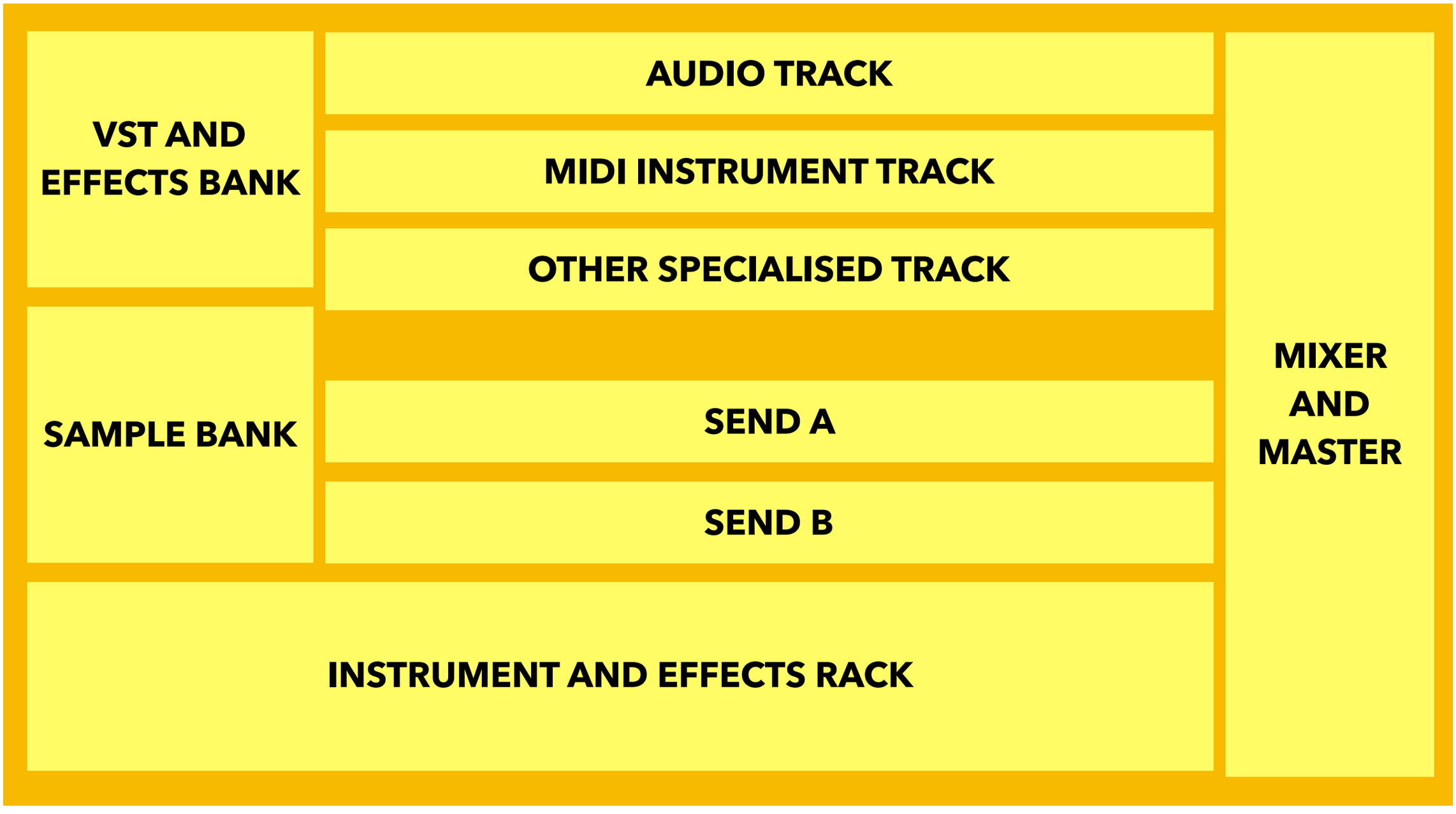
- *MIDI* AND *AUDIO* **RECORDING**

- *MIDI* AND *AUDIO* **SEQUENCING**

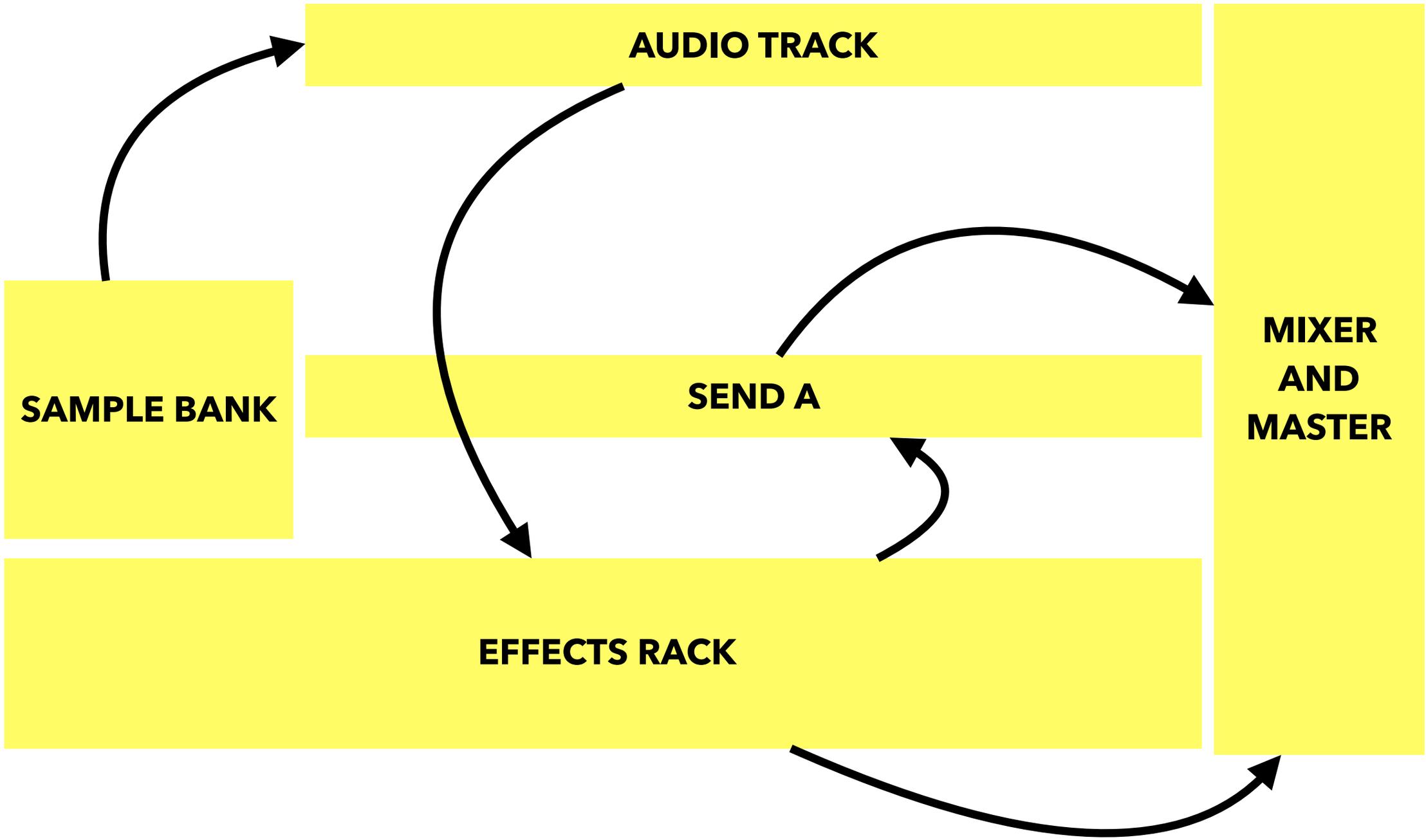
- **EDITING** AND **POST PROCESSING**

- **AUDIO RENDERING**

DAW COMPONENTS



DAW - AUDIO FLOW



DAW - MIDI FLOW